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Improvement of the South China Sea Prediction System Using NSCAT Winds / Research Project Outline

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Improvement of the South China Sea Prediction System Using NSCAT Winds

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Brief Description

To use the NASA's scatterometer winds for improvement of the ocean prediction sayatems

NPS Thesis

Veneziano, Joseph, "Hurricane Effects on the South China Sea Thermal Structure" MS in METOC, March 1998

Selected Publications

(1) Chu, P.C., S.H. Lu, and Y. Chen, 1997: Temporal and spatial variabilities of the South China Sea surface temperature anomaly. *Journal of Geophysical Research*, **102**, 20937-20955 (paper download).

(2) Chu, P.C., H.C. Tseng, C.P. Chang, and J.M. Chen, 1997: South China Sea warm pool detected from the Navy's Master Oceanographic Observational Data Set (MOODS). *Journal of Geophysical Research*, **102**, 15761-15771 (paper download).

(3) Chu, P.C., S.H. Lu, and W.T. Liu, 1999: Uncertainty of the South China Sea prediction using NSCAT and NCEP winds during tropical storm Ernie 1996. *Journal of Geophysical Research*, **104**, 11273-11289 (paper download).